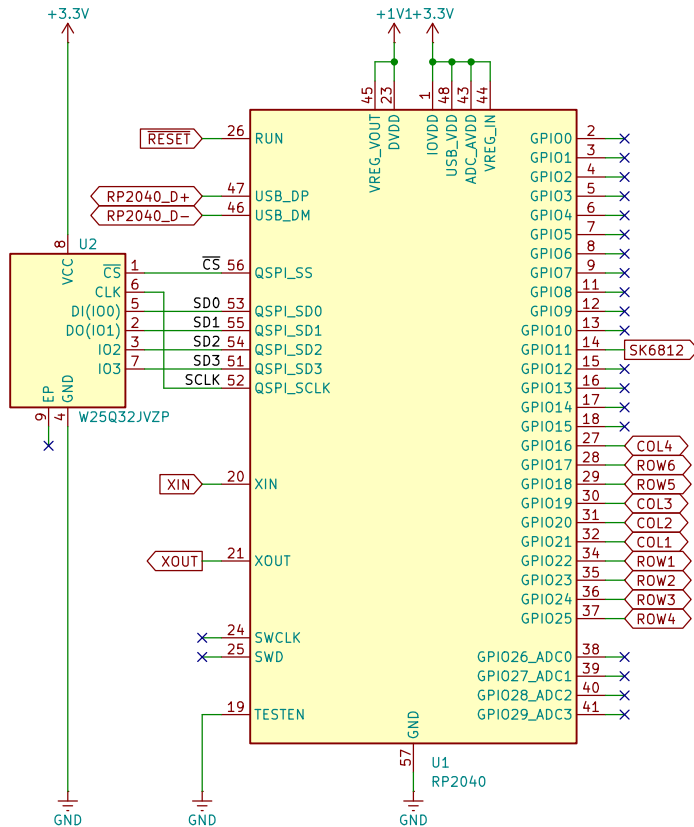
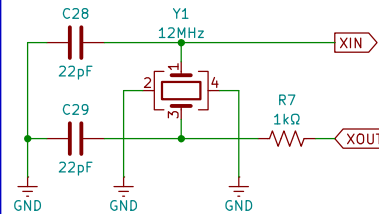


MICROCONTROLLER

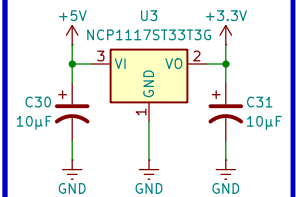
RP2040 w/ 16MB Flash



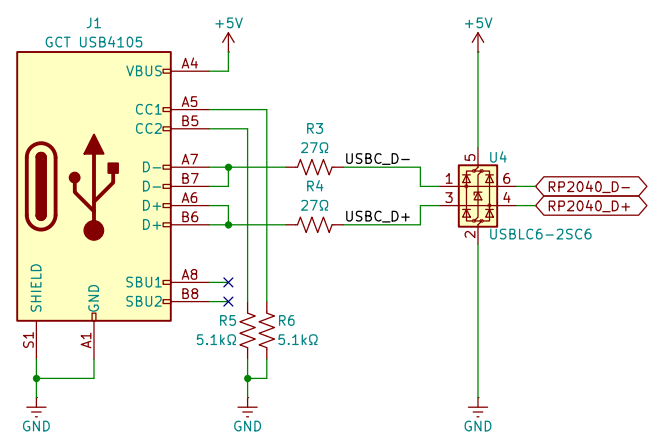
Crystal Circuit



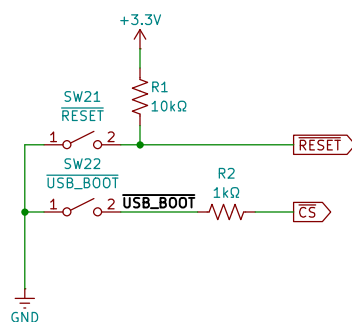
3.3v Regulator



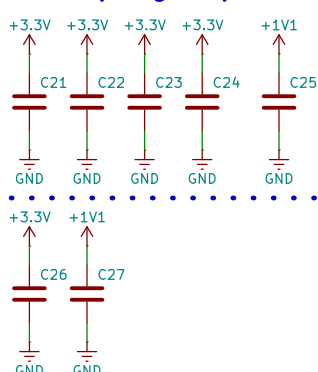
USB C Circuit w/ ESD Protection



BOOT and RESET Switch



Decoupling Capacitors



Comments:
C21,...,C25 = 0.2μF
C26,C27 = 1μF
Make sure Cxx is close to pin 26
Make sure Cxx is close to pin 27

a.newhouse

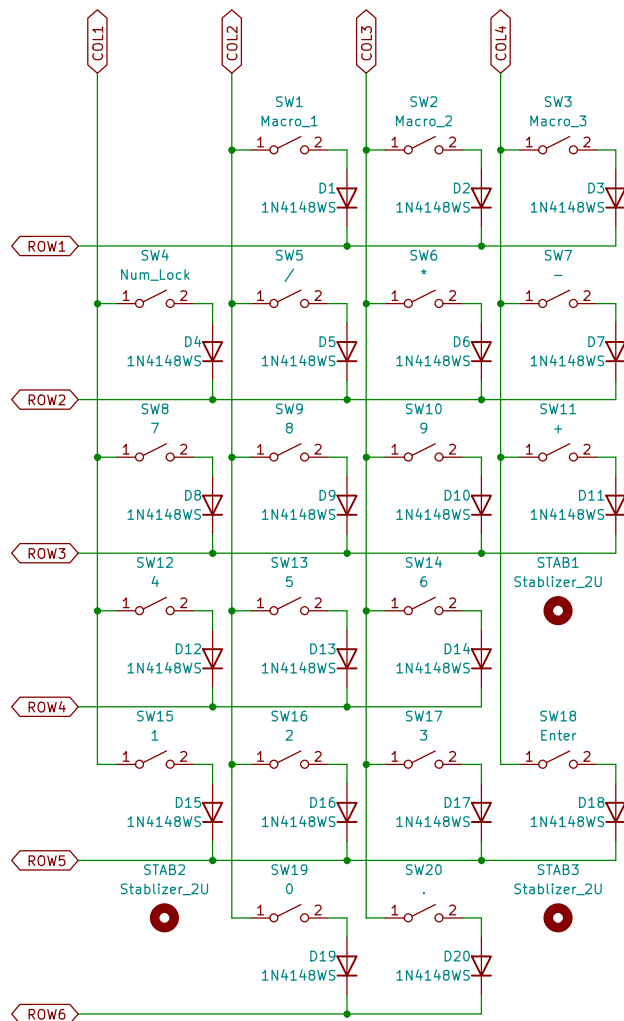
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Title: Numb

Size: USLetter Date: 2024-12-08
KiCad E.D.A. 8.0.6

Rev:
Id: 1/3

Matrix Switch



Sheet: /LEDs_&_MatrixSwitch/
File: LEDs_&_MatrixSwitch.kicad_sch

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| Size: USLetter | Date: 2024-12-08 |
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Rev: 0
Id: 2/3

Microcontroller

File: Microcontroller.kicad_sch
LEDs_&_MatrixSwitch

LEDs_&_MatrixSwitch

File: LEDs_&_MatrixSwitch.kicad_sch

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Sheet: /

File: Numb.kicad_sch

Title: Numb

Size: USLetter Date: 2024-12-08

Date: 2024-12-08

KiCad E.D.A. 8.0.6

Rev:

Id: 3/3